

DEPARTMENT OF TRANSPORTATION

ESC/OE MS #43
1727 30TH Street, 2ND Floor
Sacramento, CA 95816



September 5, 2000

07-LA-405-66.0/68.2
07-0535A4
ACIM-405-3(996)158E

Addendum No. 4

Dear Contractor:

This addendum is being issued to the contract for construction on State highway in LOS ANGELES COUNTY IN LOS ANGELES FROM 0.5 km SOUTH OF VICTORY BOULEVARD UNDERCROSSING TO SHERMAN WAY UNDERCROSSING.

Submit bids for this work with the understanding and full consideration of this addendum. The revisions declared in this addendum are an essential part of the contract.

Bids for this work will be opened on September 14, 2000, instead of September 7, 2000.

This addendum is being issued to set a new bid opening date as shown herein and revise the Project Plans, the Notice to Contractors and Special Provisions, and the Proposal and Contract.

Project Plan Sheets 56, 80, and 82 are revised. Half-sized copies of the revised sheets are attached for substitution for the like-numbered sheets.

Project Plan Sheets 81A, 81B, 81C, 81D, 81E, 81F, 81G, 81H, 81I, 81J, 81K, and 81L are added. Half-sized copies of the added sheets are attached for addition to the project plans.

In the Special Provisions, Section 5-1.16, "AERIALY DEPOSITED LEAD," is replaced as attached.

In the Special Provisions, Section 10-1.01, "ORDER OF WORK," the fifth paragraph is revised as follows:

"Remove concrete curb and shoulder structural section, and placing structural section shall be finished only as necessary to allow placing temporary railing (Type K) and temporary crash cushions in areas where conflicts may exist."

In the Special Provisions, Section 10-1.22, "MATERIAL CONTAINING AERIALY DEPOSITED LEAD," is replaced as attached.

In the Special Provisions, Section 10-2.04, "HIGHWAY PLANTING," subsection, "PLANT ESTABLISHMENT WORK," the first paragraph is revised to read as follows:

"The plant establishment period shall be Type 2 and shall not be less than 20 working days."

In the Proposal and Contract, the Engineer's Estimate Items 21 through 24, 34, 35, and 42 are revised, Items 71 through 73 are added and Item 70 is deleted as attached.

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To Proposal and Contract book holders:

Replace pages 4, 5 and 6 of the Engineer's Estimate in the Proposal with the attached revised pages 4, 5 and 6 of the Engineer's Estimate. The revised Engineer's Estimate is to be used in the bid.

Indicate receipt of this addendum by filling in the number of this addendum in the space provided on the signature page of the proposal.

Submit bids in the Proposal and Contract book you now possess. Holders who have already mailed their book will be contacted to arrange for the return of their book.

Inform subcontractors and suppliers as necessary.

This office is sending this addendum by UPS overnight mail to Proposal and Contract book holders to ensure that each receives it.

If you are not a Proposal and Contract book holder, but request a book to bid on this project, you must comply with the requirements of this letter before submitting your bid.

Sincerely,

ORIGINAL SIGNED BY

NICK YAMBAO, Chief
Office of Plans, Specifications & Estimates
Division of Office Engineer

Attachments

5-1.16 AERIALY DEPOSITED LEAD

Aerially deposited lead is present within the project limits. Aerially deposited lead is lead deposited within unpaved areas, primarily due to vehicle emissions.

Portions of the Site Investigation Report are included in the "Material Information Handout." The complete report, entitled "LEAD INVESTIGATION REPORT, Soundwall Construction Project, Northbound and Southbound Route 405 0.5 km South of Victory Boulevard to Sherman Way, Los Angeles, California, Contract No. 43A0012, Task Order No. 07-0535A1-3C, Alisto Project No. 10-515-01," is available for inspection at the Department of Transportation, District 7, Office of Construction, Room 244, 120 South Spring Street, Los Angeles, California 90012.

The Department has received from the California Department of Toxic Substances Control (DTSC) a draft variance regarding the use of aerially deposited lead. This project is subject to the conditions of the draft variance, as amended. The Draft Variance is available for inspection at the Department of Transportation, District 7, Office of Construction, Room 244, 120 South Spring Street, Los Angeles, California 90012.

Once the Contractor has completed the placement of material containing aerially deposited lead in conformance with these special provisions and as directed by the Engineer, the Contractor shall have no responsibility for such materials in place. The Department will not consider the Contractor a generator of such contaminated soils. Further cleanup, removal or remedial actions for such materials will not be required if handled or disposed of as specified herein.

Attention is directed to "Material Containing Aerially Deposited Lead" of these special provisions.

Excavation, reuse, and disposal of material with aerially deposited lead shall be in conformance with all rules and regulations including, but not limited to, those of the following agencies:

United States Department of Transportation (USDOT)
United States Environmental Protection Agency (USEPA)
California Environmental Protection Agency (Cal-EPA)
California Department of Health Services
Department of Toxic Substances Control (DTSC), Region 3
California Division of Occupational Safety and Health Administration (Cal-OSHA)
Integrated Waste Management Board
Regional Water Quality Control Board (RWQCB), Region 4
State Air Resources Control Board
South Coast Air Quality Management District (SCAQMD)

Materials containing hazardous levels of lead shall be transported and disposed of in conformance with Federal and State laws and regulations, as amended, and county and municipal ordinances and regulations, as amended. Laws and regulations that govern this work include, but are not limited to:

Health and Safety Code, Division 20, Chapter 6.5 (California Hazardous Waste Control Act)
Title 22, California Code of Regulations, Chapter 30 (Minimum Standard for Management of Hazardous and Extremely Hazardous Materials)
Title 8, California Code of Regulations

10-1.22 MATERIAL CONTAINING AERIALY DEPOSITED LEAD

Earthwork involving materials containing aerially deposited lead shall conform to the provisions in Section 19, "Earthwork," of the Standard Specifications and these special provisions.

Attention is directed to "Aerially Deposited Lead" of these special provisions.

Type Y material exists on the entire southbound side of the project. These materials shall be excavated to a depth of 0.3-m to 0.9-m below existing grade. These materials are hazardous waste regulated by the State of California that may be reused as permitted under the Variance of the Department of Toxic Substances Control. These materials shall be placed as shown on the plans and covered with a minimum 0.3-m layer of material. Temporary surplus material may be generated on this project due to the requirements of stage construction. Temporary surplus material shall not be transported outside the project limits. In order to conform to the requirements of these provisions, it may be necessary to stockpile materials for subsequent stages or construct some embankments out of stage or handle temporary surplus material more than once.

Type Z-2 material exists within the entire limits of the project. These materials shall be excavated to a depth of 0.0-m to 0.15-m below existing grade. These materials are hazardous waste regulated by the State of California and shall be transported to and disposed of at a Class 1 Disposal Site. Materials excavated from these areas shall be transported by a hazardous waste transporter registered with the Department of Toxic Substances Control using the required procedures for the manifest of materials. The vehicles used to transport the hazardous materials shall meet current certifications of compliance of the Department of Toxic Substances Control.

HEALTH AND SAFETY

The Contractor shall prepare a project specific Lead Compliance Plan to prevent or minimize worker exposure to lead contamination in soil. Attention is directed to Title 8, California Code of Regulations, Section 1532.1, "Lead," for specific Cal-OSHA requirements when working with lead.

The Lead Compliance Plan shall contain the elements listed in Title 8, California Code of Regulations, Section 1532.1(e)(2)(B). Before submission to the Engineer, the Lead Compliance Plan shall be approved by an Industrial Hygienist certified in Comprehensive Practice by the American Board of Industrial Hygiene and paid by the Contractor. The Plan shall be submitted to the Engineer at least 15 days prior to beginning work in areas containing aerially deposited lead.

Prior to performing work in areas containing aerially deposited lead, personnel who have no prior training or are not current in their training status, including State personnel, shall complete a safety training program provided by the Contractor. The safety training program shall meet the requirements of Title 8, California Code of Regulations, Section 1532.1, "Lead."

Personal protective equipment, training, washing facilities, and medical surveillance required by the Contractor's Lead Compliance Plan shall be supplied to State personnel by the Contractor. The number of State personnel will be 4.

The Contractor shall not clear and grub or construct earthwork within the project limits, unless authorized in writing by the Engineer, until the Lead Compliance Plan has been accepted by the Engineer.

The Lead Compliance Plan will be paid for as a lump sum.

The contract lump sum price paid for Lead Compliance Plan shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in preparing the Lead Compliance Plan, and for providing personal protective equipment, training and medical surveillance, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.

EXCAVATION AND TRANSPORTATION PLAN

Prior to starting excavation in areas determined to contain aerially deposited lead, the Contractor shall submit, for acceptance by the Engineer, a detailed excavation and transportation plan in conformance with the regulations of the Department of Toxic Substance Control and the California Division of Occupational Safety and Health Administration (Cal-OSHA). The detailed excavation and transportation plan shall be submitted to the Engineer 15 days prior to excavation and transportation of hazardous materials.

WORK PLAN

The Contractor shall prepare a work plan for handling and stockpiling materials containing hazardous levels of lead. The work plan shall include provisions for sampling any stockpile area after removal of the materials. The plan shall meet the requirements for the design and development of the sampling plan, statistical analysis, and reporting of test results contained in USEPA, SW 846, "Test Methods for Evaluating Solid Waste," Volume II: Field Manual Physical/Chemical, Chapter Nine, Section 9.1. The plan shall be submitted to the Engineer at least 15 days prior to beginning work in areas containing lead.

The Engineer will notify the Contractor of acceptance or rejection of any submitted or revised Lead Compliance Plan, work plan, and excavation and transportation plan not more than 10 days after submittal of the plan.

Excavation, transportation, placement, and handling of materials containing aerially deposited lead shall be processed without visible dust. The Contractor shall have a water truck available at all times while performing clearing and grubbing and earthwork operations in work areas containing aerially deposited lead.

Prior to traveling on public roads, loose and extraneous material shall be removed from surfaces outside the cargo areas of the transporting vehicles and the cargo shall be covered with tarpaulins, or other cover approved by the Engineer. The Contractor shall be responsible for costs due to spillage of material containing lead during transport. The Department will not consider the Contractor a generator of these hazardous materials, and the Contractor will not be obligated for further cleanup, removal or remedial action for such materials handled or disposed of in conformance with the requirements specified herein and the appropriate State and Federal laws and regulations and county and municipal ordinances and regulations regarding hazardous waste. The Engineer will sign all hazardous waste manifests.

If disposal of materials containing aerially deposited lead is within California, the disposal site shall be operating under a permit issued by the California Environmental Protection Agency (Cal-EPA) Boards. If disposal is outside California, the disposal site will be approved by the Engineer and shall be operating under a permit issued by the United States Environmental Protection Agency (EPA).

The Engineer will obtain the EPA Generator Identification Number and the State of California Board of Equalization Identification Number for hazardous material disposal. The Engineer will sign all hazardous waste manifests.

Sampling, analyzing, transporting, and disposing of materials containing aerially deposited lead excavated outside the pay limits of excavation and structure excavation will be at the Contractor's expense.

Full compensation for conforming to the requirements of this section involving materials containing aerially deposited lead, except as otherwise specifically provided in these special provisions, shall be considered as included in the contract prices paid for the items of work involved and no additional compensation will be allowed therefor.

The Contractor shall utilize the maximum amount of structure excavation (Type Y) as backfill material. Structure excavation (Type Y) used as backfill material shall be measured and paid for as backfill of the various types involved.

Structure excavation (Type Y) not used as backfill material shall be handled as roadway excavation (Type Z-2) and will be measured and paid for as roadway excavation (Type Z-2).

ENGINEER'S ESTIMATE
07-0535A4

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
21	190101	ROADWAY EXCAVATION	M3	1210		
22 (F)	192048	STRUCTURE EXCAVATION, RETAINING WALL (SOUND WALL)	M3	761		
23 (F)	193020	STRUCTURE BACKFILL, RETAINING WALL (SOUND WALL)	M3	552		
24	193031	PERVIOUS BACKFILL MATERIAL (RETAINING WALL)	M3	29		
25	019183	LEAD COMPLIANCE PLAN	LS	LUMP SUM	LUMP SUM	
26 (S)	200001	HIGHWAY PLANTING	LS	LUMP SUM	LUMP SUM	
27 (S)	204099	PLANT ESTABLISHMENT WORK	LS	LUMP SUM	LUMP SUM	
28 (S)	208000	IRRIGATION SYSTEM	LS	LUMP SUM	LUMP SUM	
29 (S)	208909	EXTEND 200 MM CONDUIT	M	55		
30	260201	CLASS 2 AGGREGATE BASE	M3	1050		
31	260210	AGGREGATE BASE (APPROACH SLAB)	M3	3		
32	390160	ASPHALT CONCRETE (TYPE B)	TONN	2700		
33	394040	PLACE ASPHALT CONCRETE DIKE (TYPE A)	M	35		
34 (S)	498024	400 MM CAST-IN-DRILLED-HOLE CONCRETE PILING (BARRIER)	M	12 925		
35 (F)	510059	STRUCTURE CONCRETE, RETAINING WALL (SOUND WALL)	M3	265		
36 (F)	510087	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE R)	M3	27		
37 (F)	510502	MINOR CONCRETE (MINOR STRUCTURE)	M3	35		
38	510526	MINOR CONCRETE (BACKFILL)	M3	7		
39	510800	PAVING NOTCH EXTENSION	M3	3		
40 (F)	517961	SOUND WALL (BARRIER) (MASONRY BLOCK)	M2	11 620		

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Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41 (S-F)	519120	JOINT SEAL (MR 15 MM)	M	40		
42 (F)	520114	BAR REINFORCING STEEL, RETAINING WALL (SOUND WALL)	KG	16 460		
43 (F)	560218	FURNISH SIGN STRUCTURE (TRUSS)	KG	8540		
44 (S-F)	560219	INSTALL SIGN STRUCTURE (TRUSS)	KG	8540		
45 (S)	561009	920 MM CAST-IN-DRILLED-HOLE CONCRETE PILE (SIGN FOUNDATION)	M	10		
46	562001	METAL (ROADSIDE SIGN)	KG	1480		
47	566011	ROADSIDE SIGN - ONE POST	EA	10		
48	566012	ROADSIDE SIGN - TWO POST	EA	4		
49	568001	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)	EA	2		
50	568007	INSTALL SIGN OVERLAY	M2	7		
51	018976	SOUNDWALL MOUNTED ROADSIDE SIGN	EA	3		
52	650069	450 MM REINFORCED CONCRETE PIPE	M	31		
53	650075	600 MM REINFORCED CONCRETE PIPE	M	110		
54	664015	450 MM CORRUGATED STEEL PIPE (2.01 MM THICK)	M	17		
55	731501	MINOR CONCRETE (CURB)	M	79		
56 (F)	750001	MISCELLANEOUS IRON AND STEEL	KG	3303		
57	800423	CHAIN LINK FENCE (TYPE CL-2.4)	M	6		
58 (S)	832001	METAL BEAM GUARD RAILING	M	190		
59	833183	CONCRETE BARRIER (TYPE 27SV)	M	3330		
60 (S-F)	833187	CONCRETE BARRIER (TYPE 27 MODIFIED)	M	166		

ENGINEER'S ESTIMATE
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Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
61 (S)	839551	TERMINAL SECTION (TYPE B)	EA	6		
62 (S)	839552	TERMINAL SECTION (TYPE C)	EA	3		
63 (S)	839553	END SECTION	EA	6		
64 (S)	839565	TERMINAL SYSTEM (TYPE SRT)	EA	3		
65 (S)	840515	THERMOPLASTIC PAVEMENT MARKING	M2	88		
66 (S)	840561	100 MM THERMOPLASTIC TRAFFIC STRIPE	M	2170		
67	018977	SALVAGE EXISTING SLOW SCAN CCTV CAMERA AND POLE	LS	LUMP SUM	LUMP SUM	
68 (S)	861504	MODIFY LIGHTING AND SIGN ILLUMINATION	LS	LUMP SUM	LUMP SUM	
69 (S)	018978	SYSTEM TESTING	LS	LUMP SUM	LUMP SUM	
70	BLANK					
71	020008	ROADWAY EXCAVATION (TYPE Z-2)	M3	1570		
72	020009	STRUCTURE EXCAVATION, RETAINING WALL (SOUND WALL) (TYPE Z-2)	M3	62		
73	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

TOTAL BID: _____